

Specifications

GENERAL ELECTRIC

OIL FURNACE

Type LA-4

Model No.

For Steam Heating Systems.....21LA4A1

For Hot Water Heating Systems (includes water circulator) . .21LA4B1

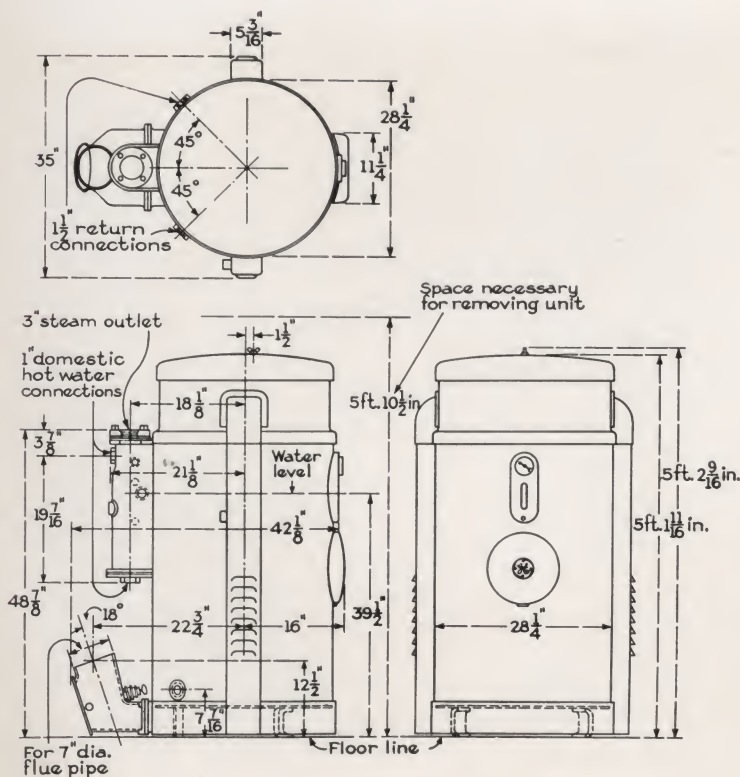
For Low Pressure Vapor Heating Systems.....21LA4C1

Thermal Control and Screen Valve are included with all models.

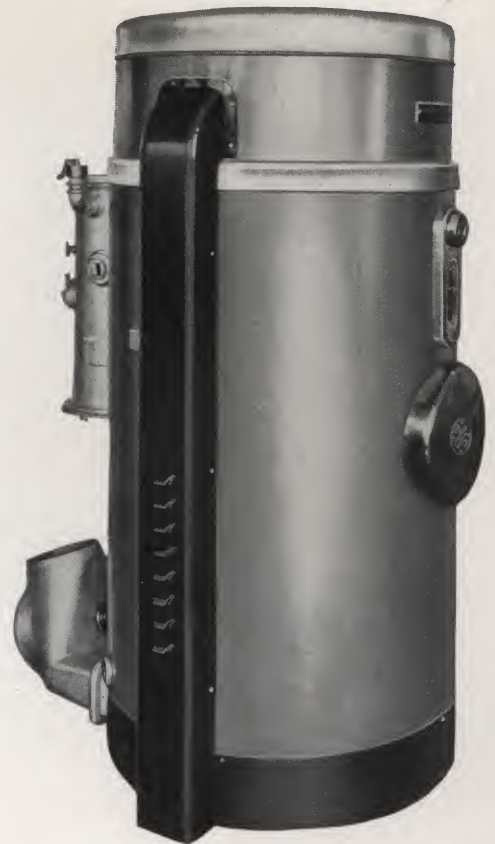
Maximum output at boiler outlet—133,000 Btu. per hour, equivalent to
 555 sq. ft. Equivalent Direct Steam Radiation
 885 sq. ft. Hot Water Radiation (150 Btu. per sq. ft.)

Finish

Jacket.....Two Tones of Gray Glyptal
 Ducts.....Black Lacquer
 Trimmings.....Instrument Panel and Sight Door Cover—Chromium Plate
 Skirt—Polished Stainless Steel
 Flue Pipe Connection and Water Heater Chamber—Aluminum Paint



Dimensions of G-E Oil Furnace Type LA-4



G-E Oil Furnace LA-4

Heating Surface

30.5 sq. ft.—exposed to combustion, of which 28.2 sq. ft. is water backed (93.3% of total)

Water Capacity

47.5 gal. (full)
 31.6 gal. (to water line)

Normal Water Level

39 1/2 in. above floor

Domestic Hot Water Coil

Capacity—175 to 400 gal. per day depending upon size and position of storage tank
 Connections—1 in. pipe size

Dimensions (stripped boiler)

Height 47 in. (including legs)
 Width 27 in.
 Depth 37 1/4 in.
 Minimum passage clearance 2 ft. 4 in. wide by 4 ft. 2 in. high.
 Assembled furnace (see dimensional drawing)

Maximum Working Pressure

15 lb. steam
 30 lb. hot water

Specifications

GENERAL ELECTRIC

OIL FURNACE

Type LA-4

Model No.

For Steam Heating Systems.....21LA4A1

For Hot Water Heating Systems (includes water circulator)..21LA4B1

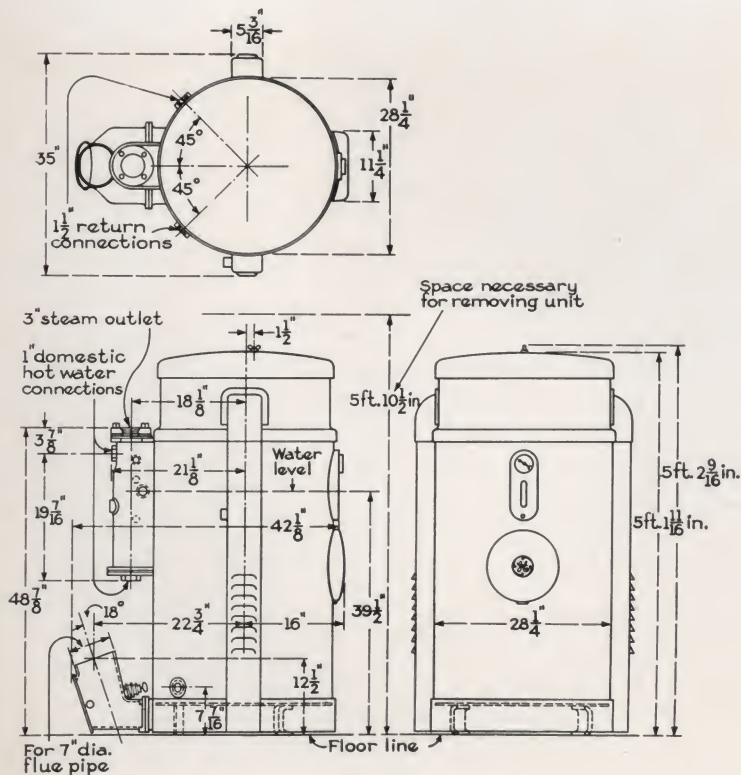
For Low Pressure Vapor Heating Systems.....21LA4C1

Thermal Control and Screen Valve are included with all models.

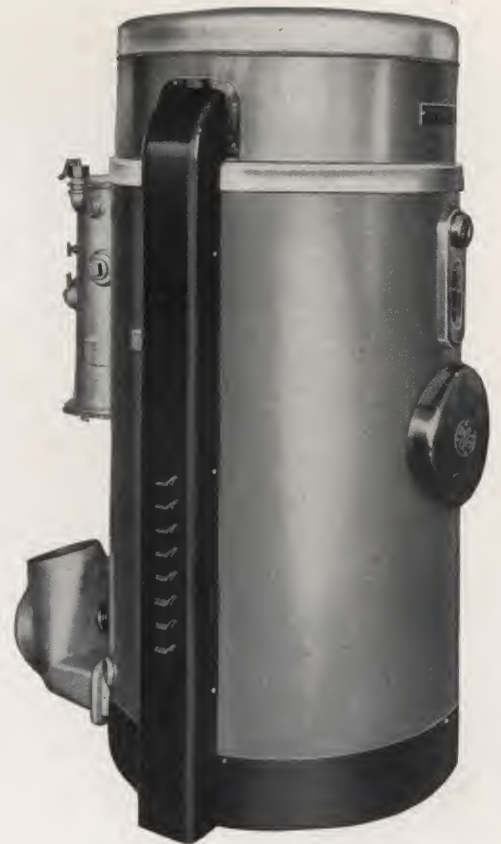
Maximum output at boiler outlet—133,000 Btu. per hour, equivalent to
 555 sq. ft. Equivalent Direct Steam Radiation
 885 sq. ft. Hot Water Radiation (150 Btu. per sq. ft.)

Finish

Jacket.....Two Tones of Gray Glyptal
 Ducts.....Black Lacquer
 Trimmings.....Instrument Panel and Sight Door Cover—Chromium Plate
 Skirt—Polished Stainless Steel
 Flue Pipe Connection and Water Heater Chamber—Aluminum Paint



Dimensions of G-E Oil Furnace Type LA-4



G-E Oil Furnace LA-4

Heating Surface

30.5 sq. ft.—exposed to combustion, of which 28.2 sq. ft. is water backed (93.3% of total)

Water Capacity

47.5 gal. (full)
 31.6 gal. (to water line)

Normal Water Level

39 1/2 in. above floor

Domestic Hot Water Coil

Capacity—175 to 400 gal. per day depending upon size and position of storage tank
 Connections—1 in. pipe size

Dimensions (stripped boiler)

Height 47 in. (including legs)
 Width 27 in.
 Depth 37 1/4 in.
 Minimum passage clearance 2 ft. 4 in. wide by 4 ft. 2 in. high.
 Assembled furnace (see dimensional drawing)

Maximum Working Pressure

15 lb. steam
 30 lb. hot water

Specifications

Model No.

For Steam Heating Systems..... 21LA5A1

For Hot Water Heating Systems (includes water circulator) . . . 21LA5B1

For Low Pressure Vapor Heating Systems..... 21LA5C1

Thermal Control and Screen Valve are included with all models.

Maximum output at boiler outlet—275,000 Btu. per hour, equivalent to
 1145 sq. ft. Equivalent Direct Steam Radiation
 1835 sq. ft. Hot Water Radiation (150 Btu. per sq. ft.)

Finish

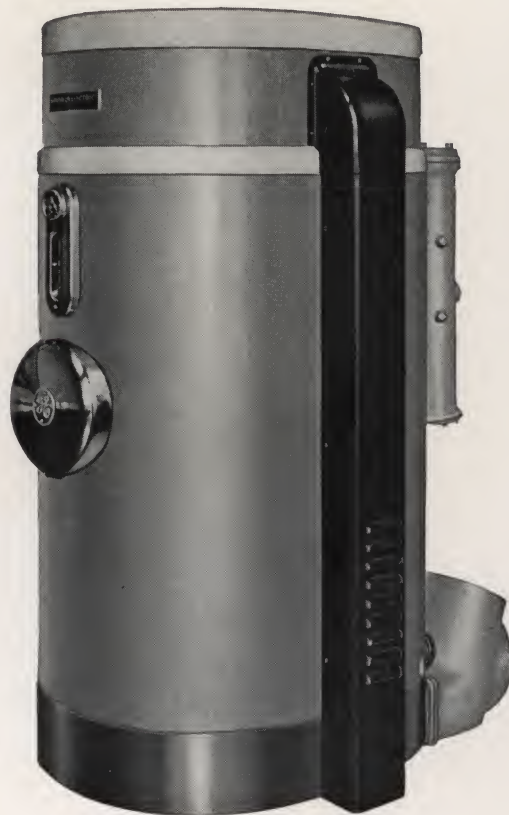
Jacket.....Two Tones of Gray Glyptal

Ducts.....Black Lacquer

Trimmings.....Instrument Panel and Sight Door Cover—Chromium Plate

Skirt—Polished Stainless Steel

Flue Pipe Connection and Water Heater Chamber— Aluminum Paint



G-E Oil Furnace LA-5

Heating Surface

53.5 sq. ft.—exposed to combustion, of which 51.2 sq. ft. is water backed (95% of total)

Water Capacity

67.7 gal. (full)
46.3 gal. (to water line)

Normal Water Level

44 in. above floor

Domestic Hot Water Coil

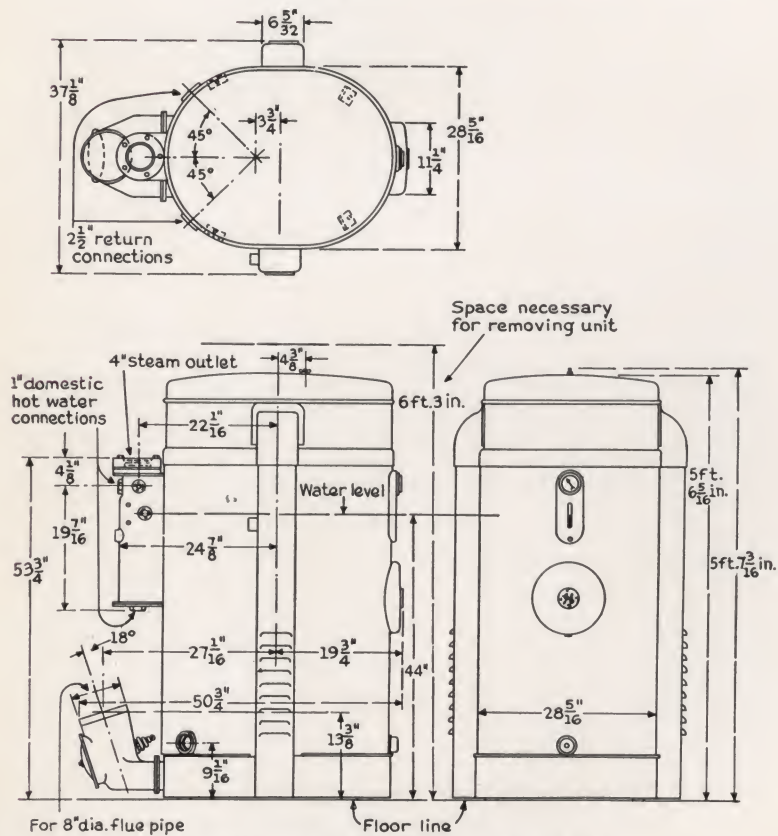
Capacity—175 to 400 gal. per day depending upon size and position of storage tank
Connections—1 in. pipe size

Dimensions (stripped boiler)

Height 55 in. (including legs)
Width 27 in.
Depth 45 in.
Minimum passage clearance 2 ft. 4 in. wide by
4 ft. 8 in. high.
Assembled furnace (see dimensional drawing)

Maximum Working Pressure

15 lb. steam
30 lb. hot water



Dimensions of G-E Oil Furnace Type LA-5



Boiler for Type LA-5 Oil Furnace

Materials of Construction

Fire tubes—10, 1 in. by 6 in.—0.180 in. thick steel.
 Outer shell—boiler plate steel—flange quality.
 Walls $\frac{1}{4}$ in. thick—top and bottom plates $\frac{5}{16}$ in. thick
 Inner shell—boiler plate steel—firebox quality.
 Walls $\frac{1}{4}$ in. thick—crown sheet $\frac{5}{16}$ in. thick.
 Jacket and top cover— $\frac{1}{2}$ -in. sheet steel.
 Refractories—special, self-supporting.
 Insulation—Sides—1-in. air cell asbestos.
 Top—1 $\frac{1}{2}$ -in. air cell.
 Materials and construction in accordance with A.S.M.E. Code for Low Pressure Heating Boilers.

G-E Oil Burner Unit

Motor—split-phase induction motor—110 volts—single phase—60 cycles— $\frac{1}{8}$ hp., 1725 rpm.

Total Power Consumption

At Maximum Oil Rate—225 watts.
 At Minimum Oil Rate—200 watts.

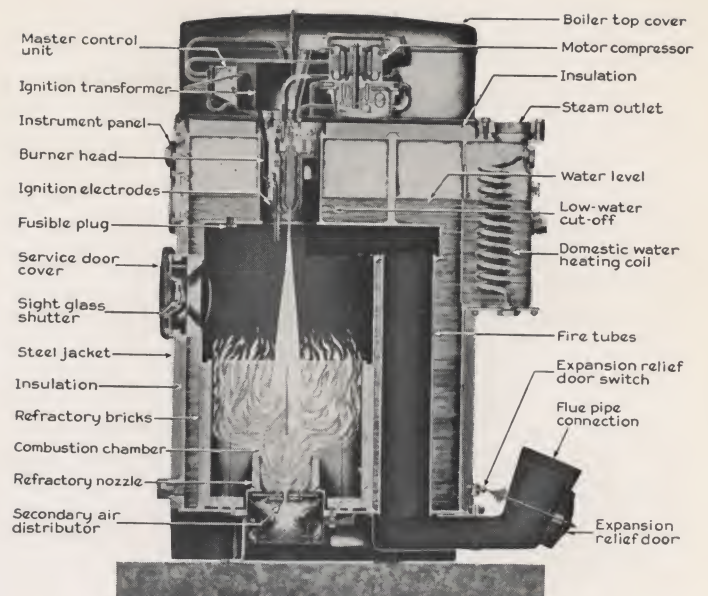
Oil Rate of Burner

Maximum Oil Rate—2.5 gallons per hour.
 Minimum Oil Rate—1.5 gallons per hour.

Grades of Fuel Oil Permissible—No. 2, 3, or 4. (Meeting commercial standard specifications. Viscosity not to exceed 55 seconds Saybolt universal.)

Flue Pipe Connection—Cast iron, 8 in. diameter.

Expansion Relief Door—Cast iron.

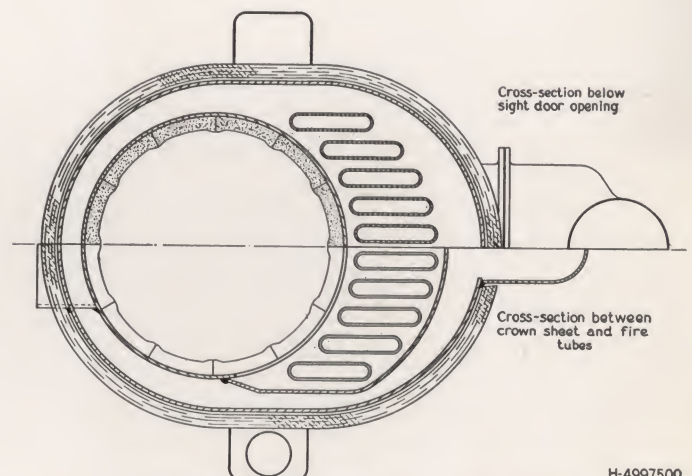


Sectional View of Type LA-5 Oil Furnace

Weights (Approximate)

Complete furnace assembled (empty)..... 1710 lb.
 Complete filled to water line..... 2100 lb.
 Completely filled with water..... 2275 lb.
 Heaviest single piece (bare boiler)..... 1200 lb.

For specifications of Burner Unit, Thermal Control, and Water Circulator, see other sheets.



Horizontal Cross Sections Type LA-5 Oil Furnace

H-4997500

Specifications

GENERAL ELECTRIC

THERMAL CONTROL

Thermal Control

Silver or bronze finish

Clock and Time Switch

16 volts, 60 cycles, input—3 watts

Thermostats

Day setting may be varied between 5 and 24 hours' duration'

Night setting may be varied between zero and 19 hours' duration

Range of settings—55 to 85 deg. F., both thermostats

Contacts—silver; 0.003-in. gap

Response to temperature change—less than 1 deg. F., provided rate of temperature change in the room is not over 2 deg. F., in 10 minutes

Power Supply

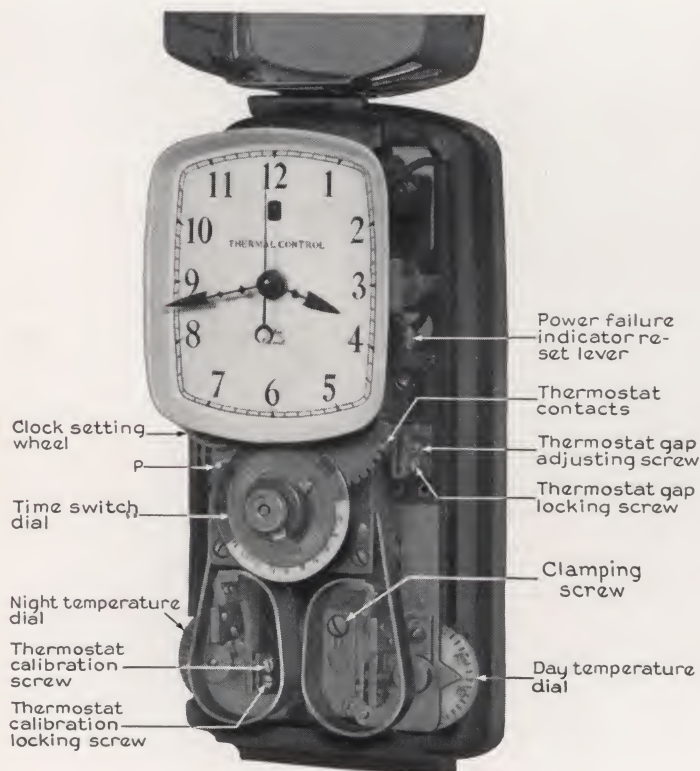
From transformer in primary control unit on oil furnace

Dimensions

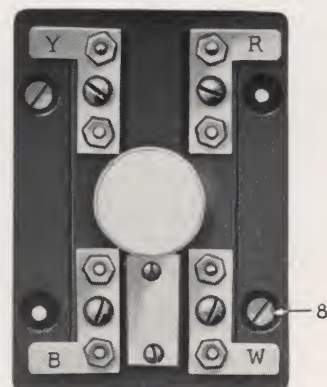
8¾ in. high, 4 in. wide, 3¼ in. deep



G-E Thermal Control



Thermal Control with Cover Raised



Ref.No.7

Wall Receptacle Block

G-E WATER CIRCULATOR

Type CB-2 for General Electric Oil Furnace

Water Circulator

Used only on Hot Water Heating Systems

Motor—Type KH—split phase—induction

Rating— $\frac{1}{8}$ hp.—1725 rpm—110 volts—60 cycles—single phase—2.4 amps.

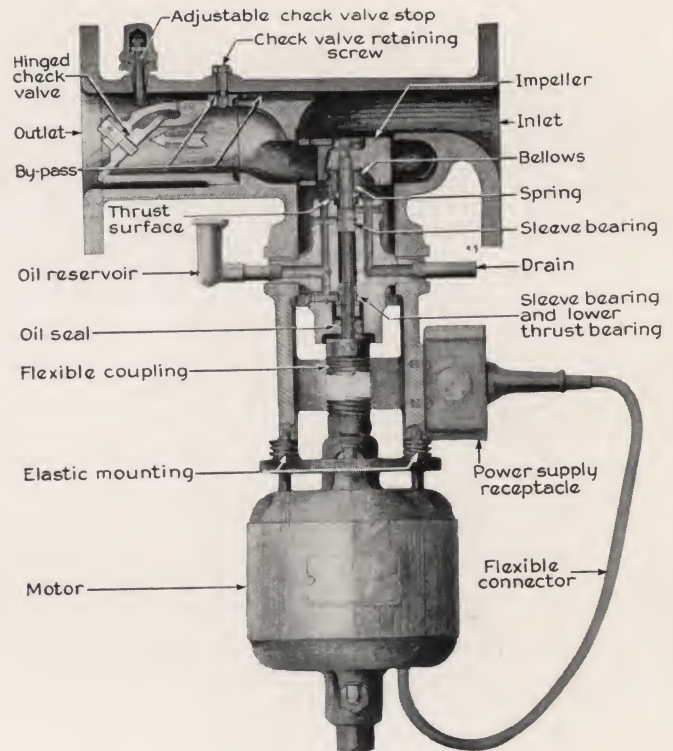
Weight—45 lb. (approx.)

Power Consumption—90 watts (approx.)

Lubrication—SAE 50, oil once a year

Piping connections—2-in. pipe—companion flange—4-bolt

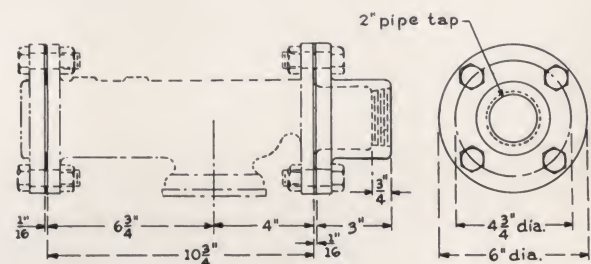
Distance between flange faces— $10\frac{3}{4}$ in.



*Schematic Cross-section
Water Circulator*



Water Circulator



Dimensions of Circulator

Specifications

GENERAL ELECTRIC BURNER UNIT TYPE DA-2

Used only in G-E Oil Furnace Types LA-4 and LA-5

Includes Compressor and Burner Head

Motor

Type—split phase—induction
Rating— $\frac{1}{8}$ hp.—1725 rpm.—110 volts—60 cycles—
single phase—2.3 amp.
Watts input to motor
170 at max. oil rate
150 at min. oil rate

Oil Rate

Maximum—2.5 gal. per hour
Minimum—1.00 gal. per hour

Oil-and-Air Pump

Oil—Capacity—6 gal. per hour—15-ft. lift (self priming)
Air—Capacity—1300 cu. in. per min. at 15 lb. per sq. in.
gauge pressure

Blower—Multivane

Capacity—100 cfm. at 1.1 inches of water pressure and
70 deg. F.

Main frame—Cast iron

Pressure chamber (sump)—drawn steel

Shaft—Special hardened steel

Weight of Oil Burner—51 lb.

Fuel Oil—Uses No. 2, 3, or 4 (which has viscosity below 55 sec.
Saybolt and certain minor limitations to commercial standard
specifications)

Lubrication

Fully automatic, using fuel oil which is supplied to Burner
Head. Lower bearing flooded, upper bearing lubricated by
natural leakage of oil to atmospheric pressure. Leakage is
returned at air inlet. Bearing design suitable for lubrication
with No. 2, 3, or 4 fuel oil

Ignition

Continuous during entire starting cycle
12000 volts with ignition transformer grounded at mid-point
Transformer has shielded windings to prevent radio inter-
ference

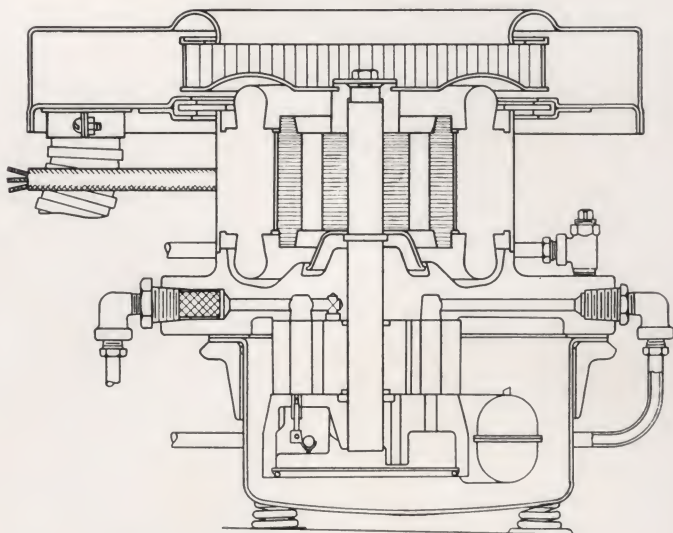
Controls

Master unit consists of two parts:

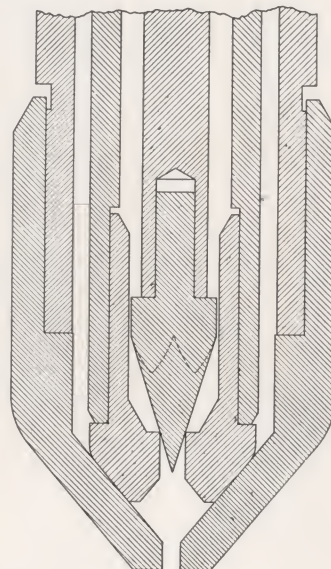
- (1) Primary unit which includes Telechron motor, and
combination relay cam shaft device
- (2) Limit Control which:
For steam or vapor includes domestic water temperature
switch and pressure switch
For hot water includes domestic water temperature
switch and boiler water high temperature limit switch
Flame Detector—quartz rod in special heat-resisting metal
tube
Low water cut-off (for steam or vapor)



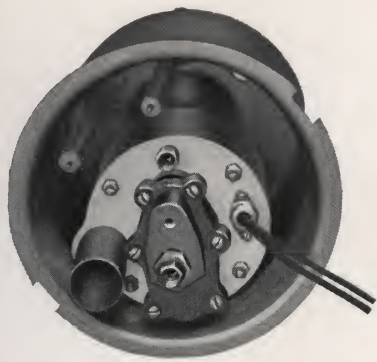
Motor Compressor (right side)



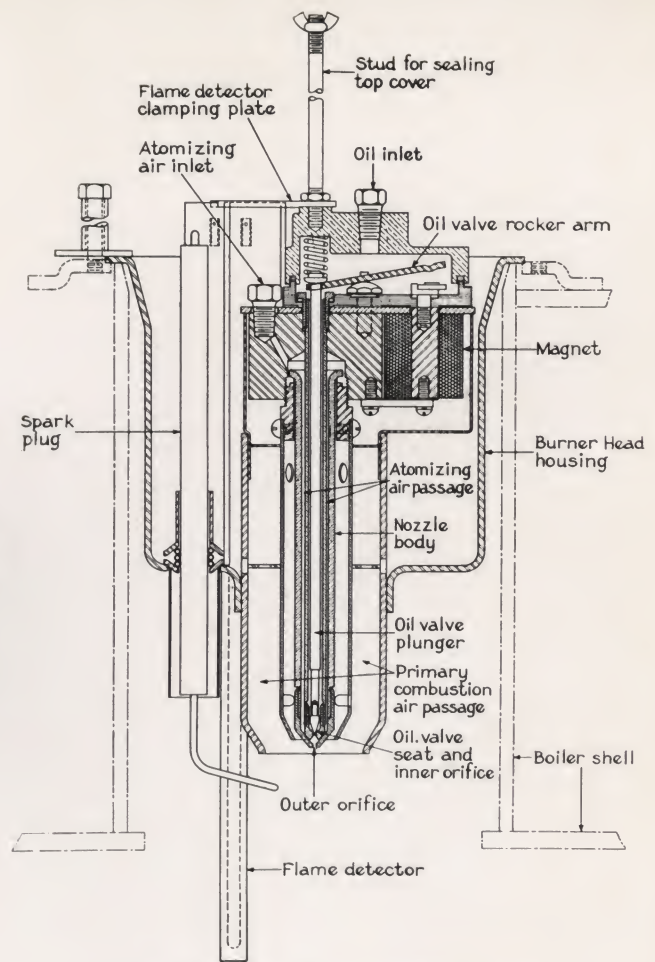
Diagrammatic Cross-section of Motor Compressor



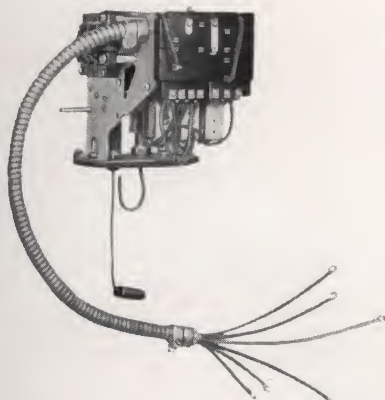
Detail of Nozzle Tip



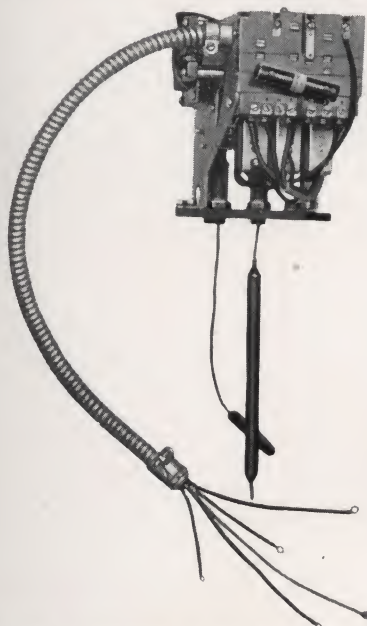
Burner Head



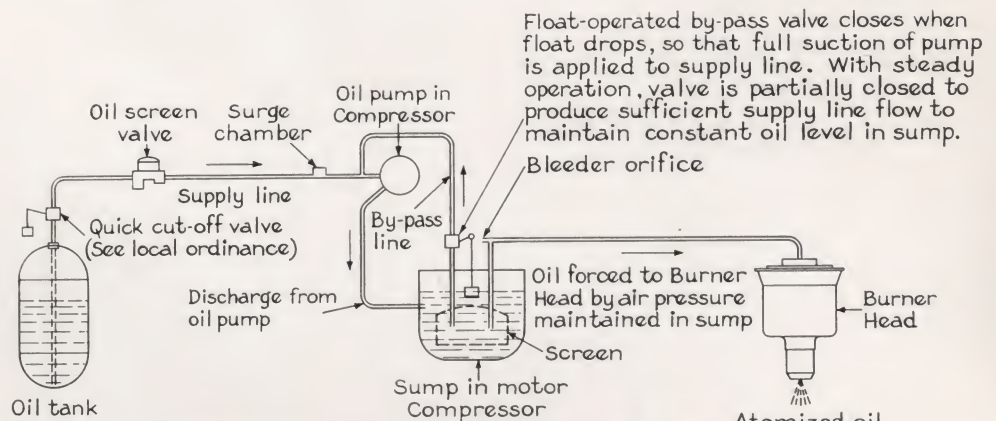
Diagrammatic Cross-section of Burner Head



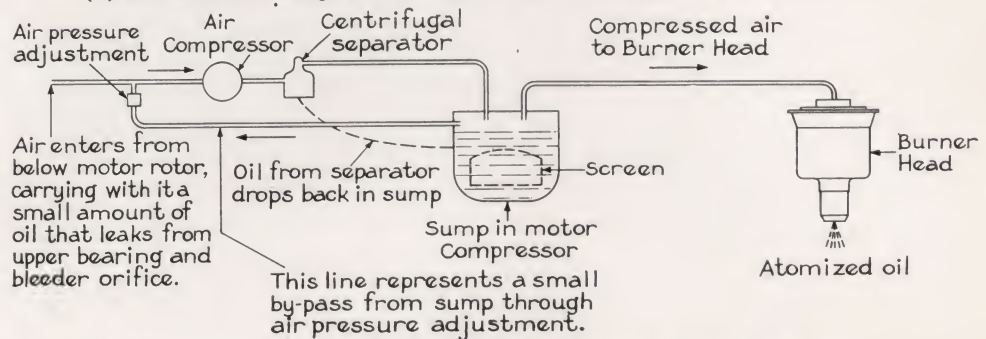
Master Control Unit for Steam Furnace



Master Control Unit for Hot Water Furnace



(a) Schematic Diagram of Path of Oil Through G-E Oil Burner



(b) Schematic Diagram of Path of Air Through G-E Oil Burner

Schematic Diagram of Flow of Oil and Atomizing Air Through Oil Furnace

Specifications

GENERAL ELECTRIC

GAS FURNACE

TYPE RM

General

The General Electric Gas Furnace, Type RM, is available for:

Steam Heating Systems
Vapor Heating Systems
Hot Water Heating Systems

For forced circulation hot water systems the G-E Hot Water Circulator is available as extra equipment.

Boiler

Construction.....A.S.M.E. Boiler Code Specifications and A.G.A. Requirements
Material.....Best grade boiler cast-iron
Type.....Vertical section
Insulation.....1-in. asbestos air cell, top and sides.

Maximum Working Pressure

Steam.....15 lb. per sq. in. gauge
Hot Water.....30 lb. per sq. in. gauge

Heating Surfaces

Each End Section.....2.8 sq. ft.
Each Intermediate Section..5.65 sq. ft.

Normal Water Line.....30 in. above floor

Water Capacity

To Water Line

Each End Section.....3.8 gal.
Each Intermediate Section..1.9 gal.

Full

Each End Section.....5.4 gal.
Each Intermediate Section..2.9 gal.

Jacket

Material.....Sheet steel
Finish.....Two-tone grey, black and chromium trim

Fuel Gas

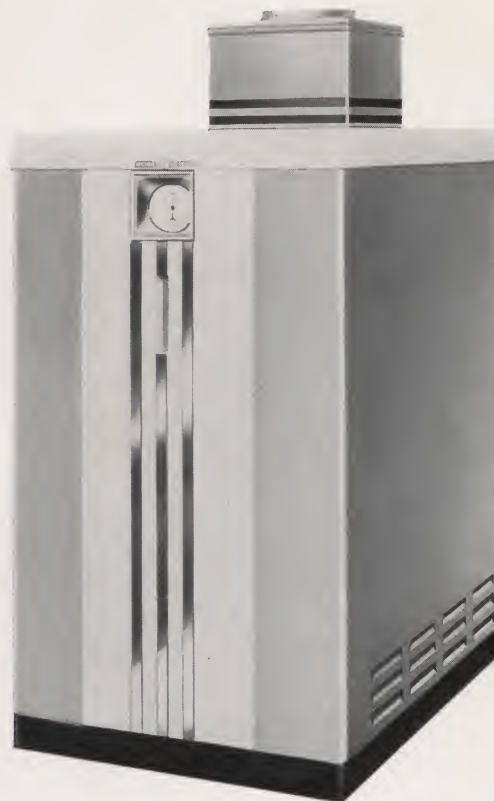
Manufactured, mixed or natural.....450-1200 Btu. per cu. ft.
Commercial Pure Propane
When ordering, specify kind of gas, pressure, heat content and specific gravity.

Burners

Material.....Best grade cast-iron
Orifice.....Selected to suit gas specifications
Primary Air.....Adjustable at venturi entrance

Pilots

Type.....Thermo-ignition, escapement and plain
Orifice.....Selected to suit gas specifications
Approx. Gas Consumption..3000 cu. ft. per month for each plain and thermo-ignition pilot



Power Supply

A.C.....110 volts, 60, 50 and 25 cycles
D.C.....8 dry cells, No. 6
Specify power supply when ordering.

Power Consumption.....10 watts with Thermal Control

Piping Connections

Each end section
Flow.....2½-in. pipe tap
Return.....2½ in. pipe tap
Intermediate Sections.....No openings

GAS CONTROLS

Pressure Regulator

Type.....Diaphragm, spring loaded
Safe pressure main side....10 oz. per sq. in.
Pressure, regulated side....2½ to 3 in. water; 7 in. for Propane

Gas Control Valve

Type.....Diaphragm
Operation.....Automatic or manual
Port size.....Full gas main

Limit Control—Steam

Low water cut-off.....Float type
Steam pressure cut-off....Adjustable bellows type
Range.....0 to 10 lb. per sq. in.
Differential.....0 to 2½ lb. per sq. in.

Limit Control—Hot Water

Water Temperature Cut-off

Type.....	Bimetallic immer- sion
Range.....	140 to 200 deg. F.
Differential.....	15 deg. F.

Range.....140 to 200 deg. F.

Differential.....15 deg. F.

ELECTRICAL CONTROLS

Magnetic Gas Valve

Type.....Solenoid

Ports 2 way

Transformer

Primary.....110 volts

Secondary..... 20 volts

Thermal Control

Type.....Clock, day and
night setting

Volts 16

Frequency 60, 50 and 25
cycles

Temperature range.....55 to 85 deg. F.

Time Switch Range

Day 5 to 24 hours

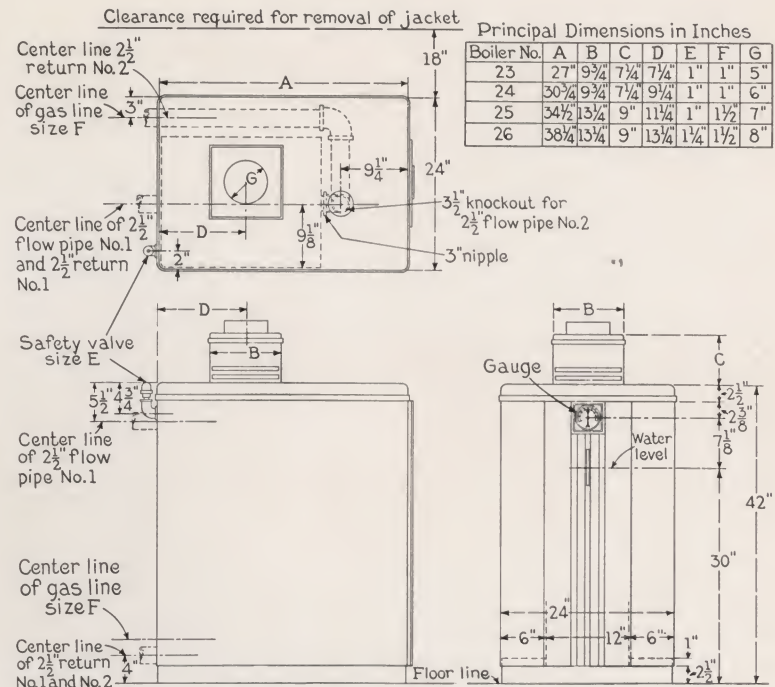
Night.....0 to 19 hours

Finish Silver or Bronze

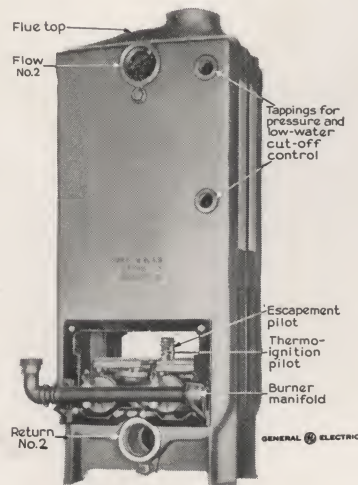
Thermostat for D-c.

Cat. No.....21NAA1

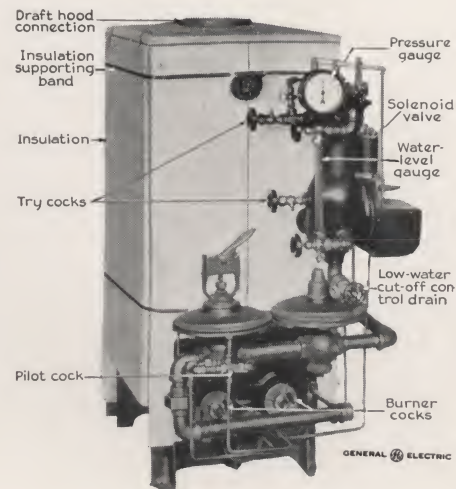
Type.....Single blade, low
voltage



Connections and Dimensions



Type RM-23 with Burners in Place



Type RM-25 for Steam Jacket Removed

GENERAL SPECIFICATIONS AND RATINGS

MODEL NUMBERS		A.G.A. RATINGS				NO. OF SECTIONS		Number of Burners	NUMBER OF PILOTS			FLUE OPENINGS			Approx. Ship. Wt. Lbs.
Steam	Hot Water	Btu. per Hr.	Boiler Horse-power	Square Feet Total Boiler Load		End Sections	Intermediate Sections		Thermo Ignition	Plain	Escape-ment	No.	Diam. Inches	Chimney Flue Diam. Inches	
				Steam	Hot Water										
RM23SA	RM23WA	76,800	2.3	320	510	2	1	2	1	0	1	1	5	5	490
RM24SA	RM24WA	115,200	3.4	480	770	2	2	2	1	0	1	1	6	6	630
RM25SA	RM25WA	153,600	4.6	640	1020	2	3	2	1	0	1	1	7	7	770
RM26SA	RM26WA	192,000	5.7	800	1280	2	4	3	1	1	1	1	8	8	910

Specifications

GENERAL ELECTRIC

GAS FURNACE

Type RK

For Steam or Vapor Heating Systems..RK.....SA
 For Hot Water Heating Systems.....RK.....WA
 (Insert size number between letters)

BOILER

Maximum Rated Output (A.G.A.).....158,400 to 422,400
 Btu./hr.
 or
 660 to 1760 sq. ft.
 E.D.R.

Material.....Best Grade Cast Iron

Construction.....In Accordance with A.S.M.E. Code for
 Low Pressure Heating Boilers and
 meeting A.G.A. Requirements

Working Press. (Max.)

Steam.....15 lb./sq. in.
 Hot Water.....30 lb./sq. in.

Heating Surface

End sections.....7 sq. ft.
 Intermediate sections.....14 sq. ft.

Water Capacity—to Water Line

End sections.....4.8 gal.
 Intermediate sections.....4.8 gal.

Full

End sections.....6 gal.
 Intermediate sections.....6 gal.

Piping Connections (each end section)

Flow.....4 in. pipe tap
 Return.....4 in. pipe tap
 (No openings in intermediate sections)

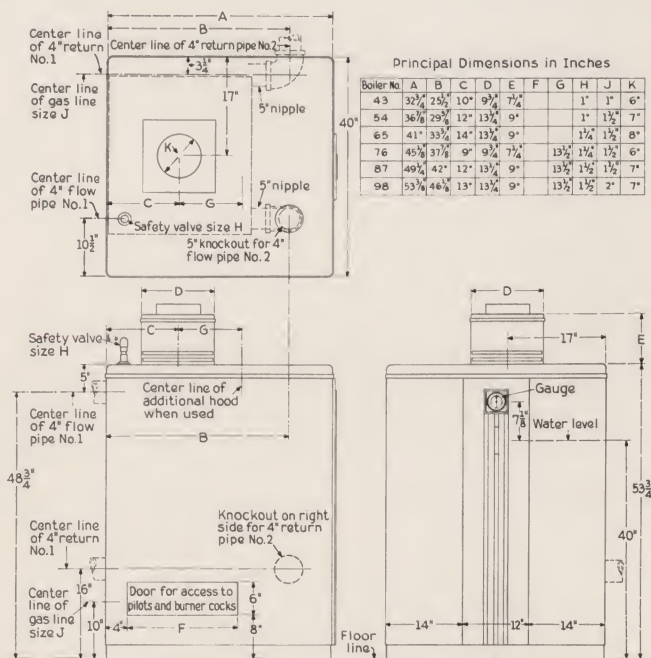
Weight

End sections.....190 lbs.
 Intermediate sections.....190 lbs.

Normal Water Line (Ht. from floor).....40 in.

Dimensions

(See dimensional drawing)



Dimensions of G-E Gas Furnace, Type RK



G-E Gas Furnace, Type RK

Jacket and Insulation

Outer jacket—steel
 Finish—two-tone gray and black
 Trimmings—chromium plated
 Insulation—sides and top—1 in. air-cell asbestos

Chimney Flue Sizes (See Table)

BURNERS AND GAS REGULATION SYSTEM

Material—Best grade cast iron

Primary Air—Adjustable at entrance to venturi

Orifice—Selected to suit gas specifications and required rate

Gas Pressure Regulator—Spring-loaded diaphragm type

Safe Working Pressure (Main Side)—10 oz./sq. in.
 Pressure—regulated side—2 1/2 to 3 in. water

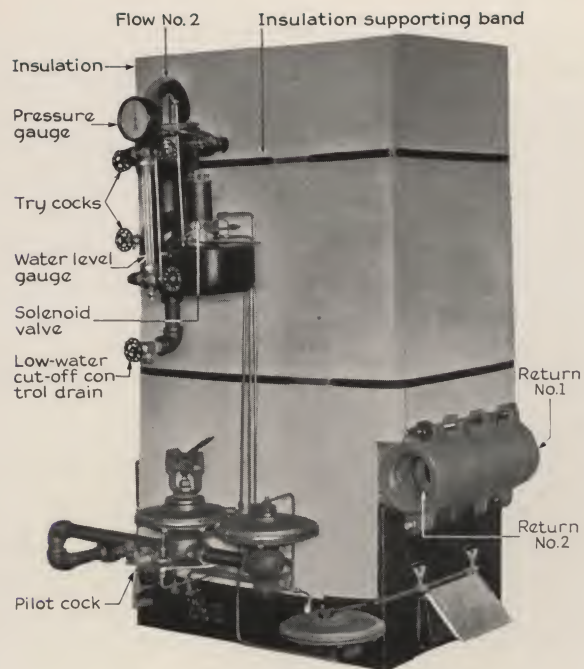
Gas Control Valve (Automatic or Hand-operated)
 —diaphragm type
 Port Size—full gas main

Limit Control—Steam

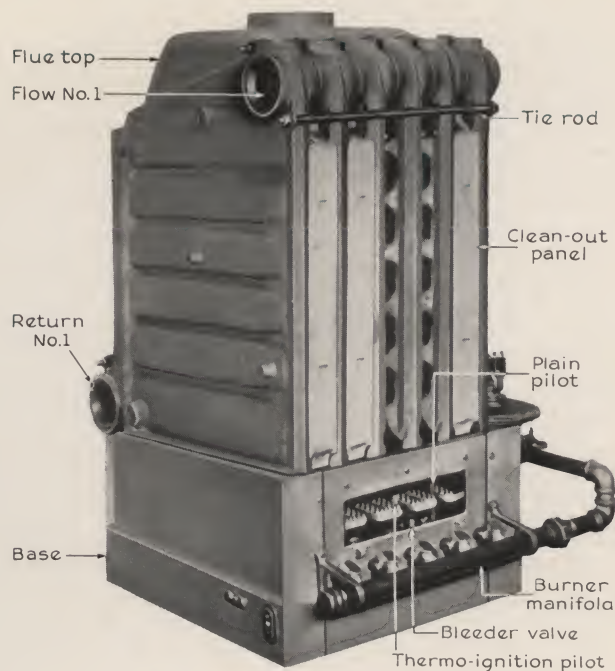
Low Water Cutoff—Float type
 Steam Pressure Cutoff—adjustable
 Range—0-10 lb. per sq. in.
 Differential—0-2 1/2 lb. per sq. in.

Limit Control—Hot Water

Water Temperature Cutoff Range—140 to 200 deg. F.
 Differential—15 deg. F.



Type RK-43 Without Jacket



Boiler for Type RK-65 With Burners in Place

Secondary Air Cutoff (RK and CK Only)—

Diaphragm type, gas actuated, vented to combustion chamber

Pilots

Orifice—Selected to suit gas specifications

Gas Consumption (Approx.)—300 cu. ft./mo.

CONTROLS

Thermal Control

Clock Telechron, 16 volts, 60 cycles, 3 watts

Time Switch Range—Day . . . Variable—5 to 24 hrs. duration

Night . . . Variable—0 to 19 hrs. duration

Thermostats—Temperature Range

—Day and Night 55 to 85 deg. F.

Finish Silver or Bronze

Solenoid Valve 3 way
Volts (A.C. 25, 50 or 60 cycle) 20
Electrical Consumption Negligible

Total Electrical Consumption 10 watts

Transformer

Primary 110 volts

Secondary 20 volts

(Note: Control may be had for 25 or 50 cycle as well)

FUEL

Gas—manufactured, mixed or natural . . 450-1200 Btu./Cu. Ft.

G-E GAS FURNACE RATINGS AND GENERAL SPECIFICATIONS

Type and Size	Output Btu. per Hour	Boiler Horse-power	A.G.A. RATING SQUARE FEET TOTAL BOILER LOAD		Number Sections	No. Flanged Intermediate Sections	Size Flanged Openings Flow and Return	Number Burners	NUMBER PILOTS			Approx. Ship. Wt. Lb.	Flue Openings No.	Size	Flue Pipe to Chimney Size
			Steam	Hot Water					Thermo Ignition	Plain	Es-cape-ment				
RK-43	158,400	4.7	660	1060	4	..	..	3	2	1	1	1270	1	6	6
RK-54	211,200	6.3	880	1410	5	..	..	4	2	1	1	1520	1	7	7
RK-65	264,000	7.9	1100	1760	6	..	..	5	1	1	1	1770	1	8	8
RK-76	316,800	9.5	1320	2110	7	..	..	6	1	2	1	1990	2	6	8
RK-87	369,600	11.0	1540	2460	8	..	..	7	2	2	1	2290	2	7	10
RK-98	422,400	12.6	1760	2820	9	..	..	8	2	2	1	2570	2	7	10

Specifications

GENERAL ELECTRIC

GAS FURNACE

Type CK

General

The General Electric Gas Furnace Type CK, for commercial applications, is available for

**Steam Heating Systems
Vapor Heating Systems
Hot Water Heating Systems**

The G-E Hot Water Circulator is available as extra equipment for forced circulation hot water systems.

Boiler

Construction.....	A.S.M.E. Boiler Code Specifications and A.G.A. Requirements
Material.....	Best grade boiler cast-iron
Type.....	Vertical section
Base.....	Stoveplate cast-iron
Insulation.....	1-in. asbestos air cell, top and sides

Maximum Working Pressure

Steam.....	15 lb. per sq. in. gauge
Hot Water.....	30 lb. per sq. in. gauge

Heating Surfaces

Each End Section.....	7 sq. ft.
Each Intermediate Section..	14 sq. ft.

Normal Water Line..... 53 $\frac{3}{4}$ in. above floor

Water Capacity

To Water Line

Each End Section.....	4.8 gal.
Each Intermediate Section..	4.8 gal.

Full

Each End Section.....	6 gal.
Each Intermediate Section..	6 gal.

Jacket

Material.....	Sheet steel
Finish.....	Two-tone gray and black trim

Fuel Gas

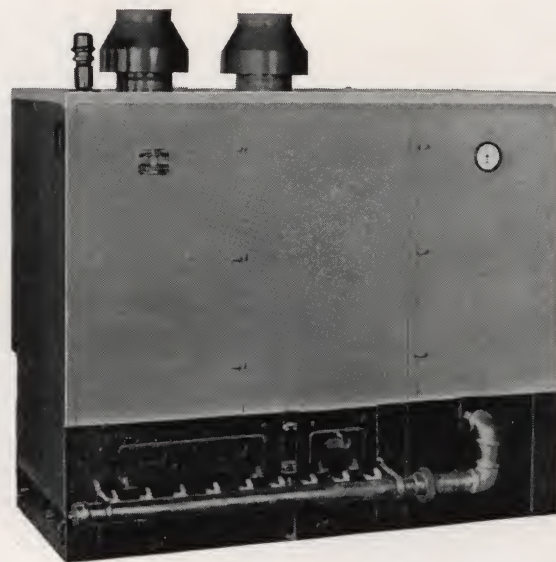
Manufactured, mixed or natural..... 450-1200 Btu. per cu. ft.
When ordering specify kind of gas, pressure, heat content and specific gravity.

Burners

Material.....	Best grade cast-iron
Orifice.....	Selected to suit fuel gas
Primary Air.....	Adjustable at venturi entrance
Secondary Air.....	Adjusted at factory

Pilots

Type.....	Thermo-ignition, escapement and plain
Orifice.....	Selected to suit fuel gas
Approx. Gas Consumption..	3000 cu. ft. per month for each plain and thermo-ignition pilot



Power Supply

A-c.....	110 volts, 60, 50 and 25 cycles single-phase
D-c.....	8 dry cells, No. 6

Specify power supply when ordering.

Power Consumption..... 10 watts with Thermal Control
Each End Section

Piping Connections

Each End Section

Flow.....	4-in. pipe tap
Return.....	4-in. pipe tap

Flanged Intermediate Sections

Flow.....	3-in. flange
Return.....	3-in. flange

Gas Pressure Regulator

Type.....	Diaphragm, spring loaded
Max. pressure, main side...	10 oz. per sq. in.
Pressure, regulated side...	2 $\frac{1}{2}$ to 3 in. water

Gas Control Valve

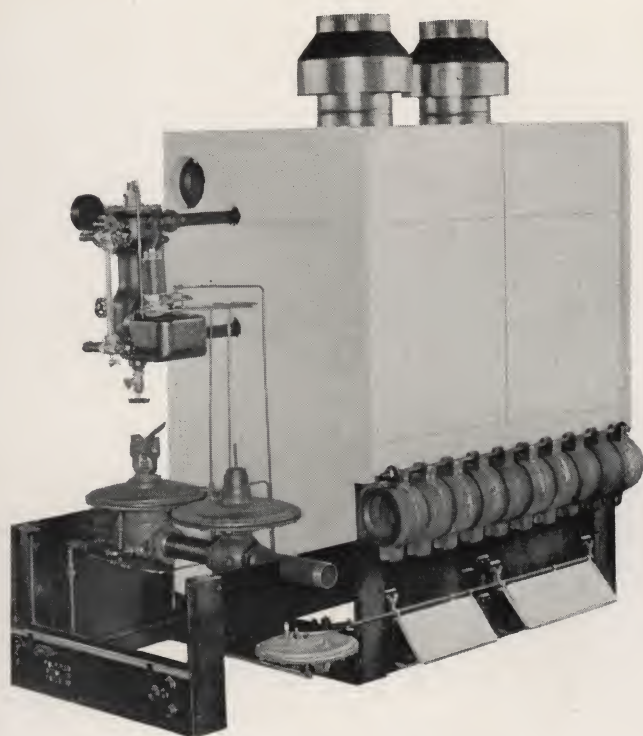
Type.....	Diaphragm
Operation.....	Automatic or manual
Port size.....	Full gas main

Limit Control—Steam

Low water cut-off.....	Float type
Pressure cut-off.....	Adjustable bellows type
Range.....	0 to 10 lb. per sq. in.
Differential.....	0 to 2 $\frac{1}{2}$ lb. per sq. in.

Limit Control—Hot Water

Temperature Cut-off	
Type.....	Bimetallic immersion
Range.....	140 to 200 deg. F.
Differential.....	15 deg. F.



Type CK-109 Jacket Removed

Secondary Air Control

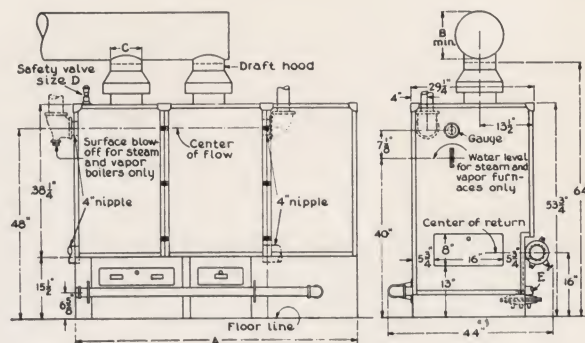
Type.....Diaphragm, gas actuated
Vent.....To combustion chamber

Magnetic Gas Valve

Type.....Solenoid
Ports.....3 way

Transformer

Primary.....110 volts
Secondary.....20 volts



PRINCIPAL DIMENSIONS IN INCHES

Boiler No.	A	B	DRAFT HOODS		SAFETY VALVES		NO. OF TAPPIERS				GAS LINE	
			No. Used	C	No. Used	D	Flow		Return		No. Used	E
							3 in.	4 in.	3 in.	4 in.		
109	61½	12	2	8	1	1½			2		1	2
1110	65½	12	2	8	1	2			2		1	2
1211	69½	12	3	7	1	2			2		1	2
1312	73½	12	3	7	1	2	1	2	1	2	1	2
1413	77½	14	3	8	1	2	1	2	1	2	1	2
1615	86½	14	4	7	1	2	2	2	2	2	1	2
1918	98½	14	4	8	1	2½	2	2	2	2	1	2
2019	102½	16	4	8	1	2½	3	2	3	2	1	2½
2322	130½	16	5	8	1	2½	3	2	3	2	1	3
2726	147½	18	6	8	1	2½	3	2	3	2	1	3
3130	163½	18	6	8	1	3	4	2	4	2	1	3
3534	180½	20	7	8	1	3	4	2	4	2	1	3
3938	196½	20	8	8	2	2½	5	2	5	2	2	2½
4544	221½	20	9	8	2	2½	7	2	7	2	2	3

Dimensional Drawing of Type CK Furnace

Connections and Dimensions**Thermal Control**

Type.....Clock, day and night setting
Volts.....16
Frequency.....60, 50 and 25 cycles
Temp. Range.....55 to 85 deg. F.
Time Switch Range
Day.....5 to 24 hours
Night.....0 to 19 hours
Finish.....Silver or bronze

Thermostat for D-c.

Type.....Single blade, low voltage
Cat. No.....21NA1A1

GENERAL SPECIFICATIONS AND RATINGS


Model Numbers Steam—SA Hot Water—WA	A.G.A. RATINGS			NO. OF SECTIONS		No. of Burn- ers	NO. OF PILOTS			FLUE OPENINGS			Approx. Ship. Wt. Lbs.
	Btu. per Hr.	Square Feet Total Boiler Load		Total Sec- tions	Flanged Intermediate Sections		Ther- mo- ignition	Plain	Escape- ment	No.	Diam. Inches	Chim- ney Flue Diam. Inches	
		Steam	Hot Water										
CK-109-	475,200	1980	3170	10	0	9	2	2	1	2	8	12	2807
CK-1110-	528,000	2200	3520	11	0	10	2	3	1	2	8	12	3083
CK-1211-	580,000	2420	3870	12	0	11	2	4	1	3	7	12	3360
CK-1312-	633,600	2640	4220	13	1	12	2	4	1	3	7	12	3710
CK-1413-	686,400	2860	4580	14	1	13	3	4	1	3	8	14	3955
CK-1615-	792,000	3300	5280	16	2	15	3	6	1	4	7	14	4563
CK-1918-	950,400	3960	6340	19	2	18	4	7	1	4	8	14	5374
CK-2019-	1,003,200	4180	6690	20	3	19	4	6	1	4	8	16	5564
CK-2322-	1,161,600	4840	7740	23	3	22	4	8	1	5	8	16	6440
CK-2726-	1,372,800	5720	9150	27	3	26	5	9	1	6	8	18	7724
CK-3130-	1,584,000	6600	10560	31	4	30	6	10	1	6	8	18	8755
CK-3534-	1,795,200	7480	11970	35	4	34	6	12	1	7	8	20	9743
CK-3938-	2,006,400	8360	13380	39	5	38	7	13	1	8	8	20	10720
CK-4544-	2,323,200	9680	15610	45	7	44	8	14	1	9	8	20	12187




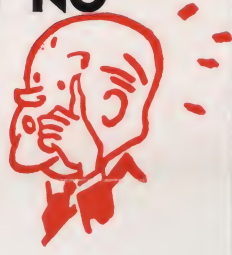
**WHAT KIND OF AUTOMATIC HEATING
SYSTEM HAS NO MOVING PARTS?**




WHAT FUEL IS THE CLEANEST TO BURN?




**WHAT KIND OF FURNACE NEEDS NO
FUEL STORAGE IN YOUR BASEMENT?**



**WHAT KIND OF AUTOMATIC FURNACE
COSTS THE LEAST TO BUY?**



**WHAT GREAT COMPANY IS NOW
MAKING SUCH A FURNACE?**



for the answers to these questions, LOOK INSIDE—

General-Electric

THE G-E

*Manufactured in its own factory and
backed by* **GENERAL ELECTRIC**

Supplies steam, vapor or hot-water heating—or complete winter air conditioning in duct-equipped homes when used with the G-E Air Conditioner.

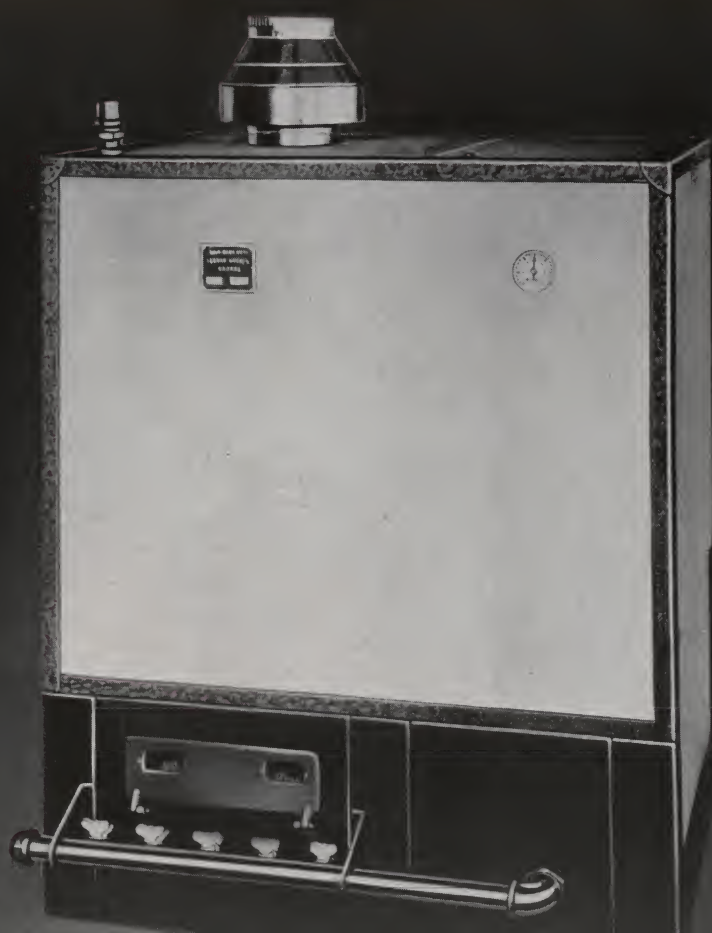
“WHEN G-E makes an automatic furnace, I know it's good—but they don't make a gas furnace, and that's what I want.”

In answer to this kind of popular demand, there was nothing for General Electric to do but make a gas furnace—and the result is, *the G-E Gas Furnace.*

FEAT

The G-E Gas... But it has beaut... steel shell wit... and its chrom... beauty.

For example... standard equip... control means... gas heating. In... furnace after... allow the accur... chimney like a... the burner is c... matically, posi...



A rugged and most dependable instrument for the regulation of indoor temperature—the G-E Thermal Control. Extremely sensitive to temperature changes . . . maintains just the temperature level you desire. Operates automatically, changing the temperature at night, too, if you wish. Needs no winding, because an electric clock movement is built in.

1 The Type CK (Commercial) G-E Gas Furnace comes in 22 different sizes, to fit any installation perfectly. It is completely automatic—the perfect servant, supplying just the amount of heat needed, whenever needed, day or night.

2 Just imagine having this little beauty in your basement, instead of an unsightly furnace. From one winter's end to the other you'll enjoy its service and admire its good looks!

3 Speaking of beauty, look at this—the larger residential G-E Gas Furnace. Note not only its modern steel shell, in two tones

announces . . .



FURNACE FOR GAS

FURNACE

good to look at.
e well-designed
tones of gray,
as engineering

is included as
RM type. This
d economy for
m entering the
own—does not
ape through the
n reverse. When
is shut off auto-
sure.

Thermostatic control prevents gas from reaching the burner unless the pilot is lighted.

THREE TYPES, 32 SIZES

There are two types for residential use, and one type for commercial use in such places as apartment buildings, factories, office buildings, stores, garages, clubs, etc.

The Type RM (Residential) can be had in 4 different sizes—the Type RK (Residential) in 6 sizes, and the Type CK (Commercial) in 22 sizes.

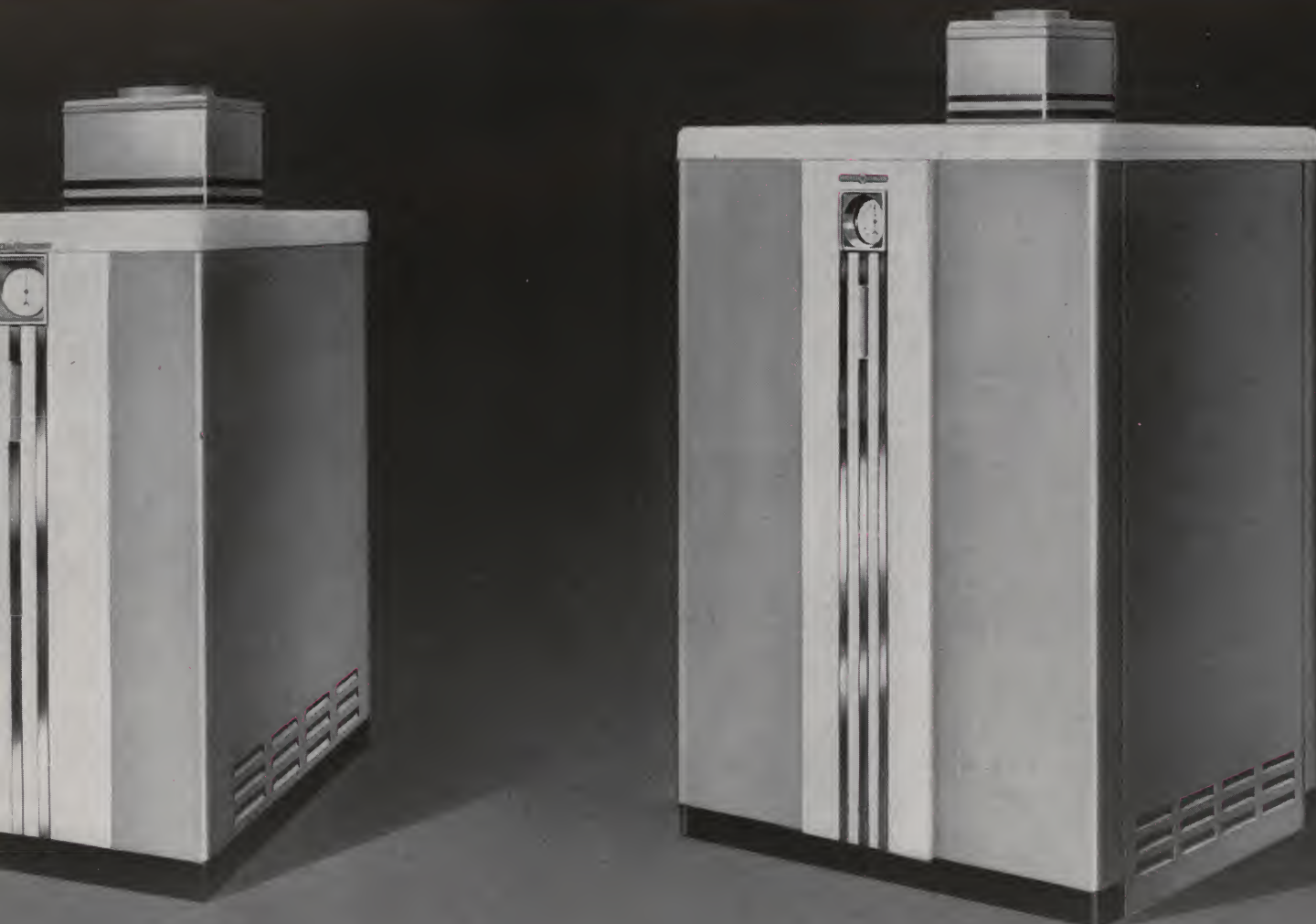
With this unusual line of sizes to choose from, you can readily see that the one installed on your premises is sure to be right. Not only because the various sizes are available, but because they are sold

and installed only by G-E Air Conditioning dealers. They install this equipment after a careful heating survey has been made by their G-E trained engineers. And the work of installation is done under direct supervision of these engineers.

SEE IT AT THE SHOWROOMS

To get complete details about this wonderful kind of automatic heat, either put the enclosed return card in the mails with your name and address filled in (no postage needed) telephone, or call at our showroom. We will be glad to give you the whole story, including the moderate price at which the G-E Gas Furnace can be installed in your home.

Get the story now, while you have it in mind.



IT'S HERE



IT'S GAS



IT'S G-E



